INDEX-AUTHOR AND SUBJECT

	Page
Absorption of flour Conversion tables for calculating to a 13.5 per cent moisture basis. A W Meyer	4,
A. W. Meyer	363
Acids, organic, produced during bread dough and cracker dough fer- mentation. A. H. Johnson	
Adler, H., and G. E. Barber. A study of the determination of the neutralizing value of mono-calcium phosphate	380
Alcohol, effect upon gas retention of dough. A. H. Johnson and C. H. Bailey.	9.
Alexander, G. L. Comments on the use of calcium acid phosphate as an improver for soft wheat biscuit flour	370
Review of "The Chemistry of Wheat Flour" by C. H. Bailey and E. P. Griffing. Effect of fine grinding upon flour	398 325
Amino nitrogen content of the immature wheat kernel and the effect of freezing. P. F. Sharp	12
Ash determinations	112
Some observations on. D. A. Coleman and Alfred Christie A. O. A. C. official method	39/1 46
Report of the A. A. C. C. committee on methods	38 237
Association of Official Agricultural Chemists, studies of methods for the analysis of cereal foods in 1924	46
Bailey, C. H. Review of "Modern Cereal Chemistry" by D. W. Kent-Jones Review of "Official and Tentative Methods of Analysis of the	52
Association of Official Agricultural Chemists' Second edition "The Chemistry of Wheat Flour." Reviewed by C. L. Alsberg and A. H. Johnson. Gluten of flour and gas retention of wheat	264 398
flour doughs	95 68
and A. G. Olsen. A study of the proteases of bread yeast Bailey, L. H., and R. Hertwig. Comments on glycerol as an aid in ashing flour	38
Baking quality Correlation with protein content and physical characteristics of	
Correlation with protein content and physical characteristics of spring wheat. C. E. Mangels and T. Sanderson	107 177
Baking tests Science in experimental baking. C. B. Kress	228
Report of Committee on standard formula and method of procedure for experimental tests. L. A. Fitz	232
The production of experimental test biscuits and their volume measurement. J. R. Chittick and F. L. Dunlap	87 310
Barber, G. E., and H. Adler. A study of the determination of the neutralizing value of mono-calcium phosphate	380
Biscuit flour from soft wheat, calcium phosphate as an improver. G. L. Alexander	370
Chittick and F. L. Dunlap	87 211
Blish, M. J. The individuality of glutenin. and R. M. Sandstedt. Glutenin, a simple method for its preparation and direct quantitative determination.	127
and R. M. Sandstedt. Viscosity studies with Nebraska wheat flours	191

INDEX-AUTHOR AND SUBJECT

	Page
Absorption of flour Conversion tables for calculating to a 13.5 per cent moisture basis. A W Meyer	4,
A. W. Meyer	363
Acids, organic, produced during bread dough and cracker dough fer- mentation. A. H. Johnson	
Adler, H., and G. E. Barber. A study of the determination of the neutralizing value of mono-calcium phosphate	380
Alcohol, effect upon gas retention of dough. A. H. Johnson and C. H. Bailey.	9.
Alexander, G. L. Comments on the use of calcium acid phosphate as an improver for soft wheat biscuit flour	370
Review of "The Chemistry of Wheat Flour" by C. H. Bailey and E. P. Griffing. Effect of fine grinding upon flour	398 325
Amino nitrogen content of the immature wheat kernel and the effect of freezing. P. F. Sharp	12
Ash determinations	112
Some observations on. D. A. Coleman and Alfred Christie A. O. A. C. official method	39/1 46
Report of the A. A. C. C. committee on methods	38 237
Association of Official Agricultural Chemists, studies of methods for the analysis of cereal foods in 1924	46
Bailey, C. H. Review of "Modern Cereal Chemistry" by D. W. Kent-Jones Review of "Official and Tentative Methods of Analysis of the	52
Association of Official Agricultural Chemists' Second edition "The Chemistry of Wheat Flour." Reviewed by C. L. Alsberg and A. H. Johnson. Gluten of flour and gas retention of wheat	264 398
flour doughs	95 68
and A. G. Olsen. A study of the proteases of bread yeast Bailey, L. H., and R. Hertwig. Comments on glycerol as an aid in ashing flour	38
Baking quality Correlation with protein content and physical characteristics of	
Correlation with protein content and physical characteristics of spring wheat. C. E. Mangels and T. Sanderson	107 177
Baking tests Science in experimental baking. C. B. Kress	228
Report of Committee on standard formula and method of procedure for experimental tests. L. A. Fitz	232
The production of experimental test biscuits and their volume measurement. J. R. Chittick and F. L. Dunlap	87 310
Barber, G. E., and H. Adler. A study of the determination of the neutralizing value of mono-calcium phosphate	380
Biscuit flour from soft wheat, calcium phosphate as an improver. G. L. Alexander	370
Chittick and F. L. Dunlap	87 211
Blish, M. J. The individuality of glutenin. and R. M. Sandstedt. Glutenin, a simple method for its preparation and direct quantitative determination.	127
and R. M. Sandstedt. Viscosity studies with Nebraska wheat flours	191

39
26
17
30
31
16
37
3,
38
30
9.
,
4
-
27
21.
8
0.
39
261
20.
288
200
391
37
132
132
275
21.
213
265
172
265
365
250
252
253
254 259
239
42
42
42 345
345
345 1 213
345
345 1 213 1
345 1 213 1 132
345 1 213 1
345 1 213 1 132 265
345 1 213 1 132 265 213
345 1 213 1 132 265
345 1 213 1 132 265 213 345
345 1 213 1 132 265 213
345 1213 1322 265 213 345 87
345 1 213 1 132 265 213 345 87
345 1213 1322 265 213 345 87

Fellows, H. C., and D. A. Coleman. Hygroscopic moisture of cereal	
grains and flaxseed exposed to atmospheres of different relative	27=
Fellows, H. C., D. A. Coleman, and H. B. Dixon. A study of methods	275
for making protein tests on wheet	122
for making protein tests on wheat	132
Formari C C Managing Editor's speed	345 254
Ferrari, C. G. Managing Editor's report	325
Fisher, E. A. Research Association of British Flour Millers	165
Fitz, L. A., chairman. Report of committee on standard formula and	100
method of procedure for experimental baking tests	232
Flaxseed, hygroscopic moisture of. D. A. Coleman and H. C. Fellows	275
method of procedure for experimental baking tests	325
Flour yield, correlation with weight per bushel. C. E. Mangels and	
T. Sanderson Freezing, effect on the amino nitrogen content of the immature wheat	365
Freezing, effect on the amino nitrogen content of the immature wheat	
kernel. P. F. Sharp	12
Gas retention of wheat flour doughs, and gluten of flour. A. H. John-	0-
son and C. H. Bailey	95
Gluten	117
Composition of crude gluten. D. B. Dill	1
Gluten quality of flour and its iso-electric point. E. L. Tague	202
Gluten and viscosity studies. M. J. Blish and R. M. Sandstedt	191
Gluten of flour and gas retention of wheat flour doughs. A. H.	
Johnson and C. H. Bailey	95
Glutenin	
Method of preparation and estimation. M. J. Blish and R. M.	
Sandstedt	57
The individuality of glutenin. M. J. Blish	127
Association Official Agricultural Chemists studies	46
Glycerol as an aid in ashing flour. R. Hertwig and L. H. Bailey Griffing, E. P., and C. L. Alsberg. Effect of fine grinding upon flour	38
Grinding, fine, effect upon flour. C. L. Alsberg and E. P. Griffing	325 325
Heon, A. A semi-automatic measuring apparatus for solutions	112
Hertwig, R., and L. H. Bailey. Comments on glycerol as an aid in	112
ashing flour	38
ashing flour	172
Humidity and hygroscopic moisture of cereal grains and flaxseed. D. A. Coleman and H. C. Fellows	
D. A. Coleman and H. C. Fellows	275
Hydrogen ions and their application to mill control. H. E. Weaver	209
Hydrogen peroxide, effect on relative viscosity measurements of wheat	
and flour suspensions. R. K. Durham	297
Hygroscopic moisture in cereal grains and flaxseed exposed to atmos-	
pheres of different relative humidity. D. A. Coleman and H. C.	27.5
Fellows	275
Immature wheat kernel, amino nitrogen of. P. F. Sharp Iso-electric point, and gluten quality of flour. E. L. Tague	12 202
Johnson, A. H. Identification and estimation of the organic acids pro-	202
duced during bread dough and cracker dough fermentation	345
and C. H. Bailey. Gluten of flour and gas retention of wheat	010
flour doughs	95
flour doughs	115
Kent-Jones, D. W. Modern Cereal Chemistry. Review by C. H.	
Bailey	52
Kjeldahl methods, a study of. D. A. Coleman, H. C. Fellows and	
П. В. DIXOII	132
Kress, C. B. Science in experimental baking	228
Lipoids in flour. Association Official Agricultural Chemists studies Loaf volume, a study of methods of determining. W. O. Whitcomb	46
Correlation with test weight per bushel, C. E. Mangels and	308
T. Sanderson	365
	200

Malt extract and diastase, effects in dough. F. A. Collatz and O. C.	
Racke	213
Managing Editor's report. C. G. Ferrari	254
Mangels, C. E. Effect of climate and other factors on the protein	200
content of North Dakota wheat	288
Report of the committee on methods	235
and T. Sanderson. The correlation of the protein content of hard	
red spring wheat with physical characteristics and baking	100
and T. Sanderson. Correlation of test weight per bushel of hard	107
and I. Sanderson. Correlation of test weight per bushel of hard	
spring wheat with flour yield and other factors of quality	365
Measuring apparatus, semi-automatic for solutions. A. A. Heon	112
Methods	
Ashing flour, glycerol as an aid. R. Hertwig and L. H. Bailey	38
Summary of studies of the Ass'n Off. Agr. Chemists, 1924	46
Moisture, collaborative studies. G. A. Shuey	318
Moisture, collaborative studies. G. A. Shuey Determining loaf volume of bread. W. O. Whitcomb	305
Baking tests. E. E. Werner	310
Observations on making ash determinations. D. A. Coleman and	
A. Christie	391
Study of protein tests of wheat. D. A. Coleman, H. C. Fellows	
and H. B. Dixon	132
Determination of glutenin. M. J. Blish and R. M. Sandstedt	57
and H. B. Dixon	
phate. H. Adler and G. E. Barber	380
Report of committee on standard formula and method of pro-	`
cedure for experimental baking tests. L. A. Fitz, chairman	232
Report of the committee on methods, American Association Cereal	
Chemists. C. E. Mangels, et al	235
Meyer, A. W. Conversion tables for calculating the absorption of	
flour to a 13.5 per cent moisture basis	42
Mill control, the application of H-ion determination to. H. E. Weaver	209
Moisture determination	
Report of the committee on methods	236
Association Official Agricultural Chemists studies	46
Collaborative study of methods. G. A. Shuey	318
Morison, C. B.	
Residual sugar content of bread	314
Concerning the Employment Committee	324
Nebraska wheat flours, viscosity studies of. M. J. Blish and R. M.	
Sandstedt	191
Sandstedt	
mination. H. Adler and G. E. Barber	380
Nitrogen, amino. of the immature wheat kernel, and the effect of freez-	
ing. P. F. Sharp	12
Nitrogen determinations	
Study of protein tests of wheat. D. A. Coleman, H. C. Fellows,	
and H B Dixon	132
Report of the committee on methods	235
Olsen, A. G., and C. H. Bailey. A study of the proteases of bread	
yeast	68
yeastOrganic acids produced during bread dough and cracker dough fer-	
mentation. A. H. Johnson	345
mentation. A. H. Johnson	325
Phosphate, a study of the determination of the neutralizing value of	
mono-calcium phosphate. H. Adler and G. E. Barber	380
mono-calcium phosphate. H. Adler and G. E. Barber Calcium acid phosphate as an improver for soft wheat biscuit flour.	
G. L. Alexander	370
G. L. Alexander	
content and baking quality. C. E. Mangels and T. Sanderson	107
Proceedings of the 1925 convention	252
Proteases of bread yeast. A. G. Olsen and C. H. Bailey	68

Protein content and H-ion concentration. H. E. Weaver	209
As affected by climate and other factors. C. E. Mangels	288
Correlation with physical characteristics and baking quality. C. E.	200
Mangels and T. Sanderson	107
Protein determinations	
Study of protein tests of wheat. D. A. Coleman, H. C. Fellows and H. B. Dixon	132
Report of the committee on methods	235
Precipitants in determining amino nitrogen. P. F. Sharp	12
Proteins of wheat flour	
Composition of crude gluten. D. B. Dill	1
Gluten of flour and gas retention of wheat flour doughs. A. H.	95
Johnson and C. H. Bailey	
Sandstedt	57
Individuality of glutenin. M. J. Blish	127 117
Racke, O. C., and F. A. Collatz. Effects of diastase and malt extract	11/
in doughs	213
Research Association of British Flour Millers, E. A. Fisher	165
Rye flour dough, gas production and retention in. A. H. Johnson	95
and C. H. Bailey	93
tent of hard red spring wheat with physical characteristics and	
haking quality	107
and C. E. Mangels. Correlation of test weight per bushel of hard	365
spring wheat with flour yield and other factors of quality Sandstedt, R. M., and M. J. Blish. Glutenin, a simple method for its	303
preparation and direct quantitative determination	57
and M. J. Blish. Viscosity studies with Nebraska wheat flours Secretary-Treasurer's report. R. K. Durham	191
Secretary-Treasurer's report. R. K. Durham	253
Sharp, P. F. The amino nitrogen content of the immature wheat kernel and the effect of freezing	12
Short Course in Cereal Chemistry. Kansas State Agricultural College	115
Shuey, G. A. Collaborative study of moisture methods	318
Smith, E. E. Viscosity and baking quality	177 117
Solubility of gliadin. E. L. Tague	11/
Bailey	95
Sugar content of bread. C. B. Morison	314
Swanson, C. O. A theory of colloid behavior in dough	265
The solubility of gliadin	202 117
Test weight per bushel, correlation with flour yield and other factors	
of quality. C. E. Mangels and T. Sanderson	365
Viscosity and baking quality. E. E. Smith	177
hydrogen peroxide. R. K. Durham	297
hydrogen peroxide. R. K. Durham	
Sandstedt	191
Vitreous kernels, correlation with protein content. C. E. Mangels and T. Sanderson	107
Volume measurement and production of experimental test biscuits.	107
Volume measurement and production of experimental test biscuits. J. R. Chittick and F. L. Dunlap	87
volume of bread, a study of methods of determining loaf volume.	205
W. O. Whitcomb	305 209
Weight per bushel of wheat, correlation with flour yield and other fac-	20)
tors of quality. C. E. Mangels and T. Sanderson	365
Werner, E. E. The baking test	310
of bread	305
Yeast, proteases of. A. G. Olsen and C. H. Bailey	68